

**Amendments to the Claims:**

This listing of claims will replace all prior versions and listing of claims in the application.

**Listing of Claims:**

1-18. (Canceled)

19. (Currently Amended) A method of ~~settling~~ converting CO<sub>2</sub> emissions rights in a transaction involving a transmission of ~~comprising the steps of transmitting~~ electric power across a border between two countries, in a system wherein a first power generating facility handling at least a portion of power demand occurring in a first one of the countries is located in the one first country, and a second power generating facility handling at least a portion of power demand occurring in the other a second country is located in the other second country, and wherein the first country and the second country each have an integrated CO<sub>2</sub> emissions rights amount, and settling the transmission of the power in accordance with a converted value of environmental load including generated carbon oxide gas the method comprising:  
\_\_\_\_\_ administering the integrated CO<sub>2</sub> emissions rights amount of the first country;  
\_\_\_\_\_ measuring an amount of power transmitted from the first country to the second country;  
\_\_\_\_\_ converting the amount of power transmitted into an equivalent CO<sub>2</sub> emissions right value; and

integrating the converted equivalent CO<sub>2</sub> emissions right value into the integrated CO<sub>2</sub> emissions right amount of the first country,  
whereby responsibility for generation of the equivalent CO<sub>2</sub> emissions right value is attributed to the second country.

20. (Currently Amended) ~~A settling~~ The method according to claim 19, further comprising steps of: ~~receiving electric power across said border and of settling the reception of the power by environmental value~~

said first country receiving electric power from said second country,  
whereby a second converted equivalent CO<sub>2</sub> emissions value is determined and responsibility for the second converted equivalent CO<sub>2</sub> emissions value is attributed to the integrated CO<sub>2</sub> emissions right amount of the first country.

21. (Currently Amended) ~~A settling~~ The method according to claim 19, wherein said step of ~~transmitting power includes a step of interchanging the power and said step of settling the transmission of the power includes a step of~~ settling interchange of the power administrating the integrated CO<sub>2</sub> emissions right amount of the first country includes the step of providing CO<sub>2</sub> administration equipment in said first country and said second country for administrating the integrated CO<sub>2</sub> emissions rights amounts of each country.

22. (Canceled)

23. (Currently Amended) A method of converting CO<sub>2</sub> emissions rights in a transaction involving a transmission of ~~settling comprising the steps of transmitting~~ electric power across a border between two countries, in a system wherein a first power generating facility handling at least a portion of power demand occurring in a first ~~one~~ country is located in the ~~one~~ first country, and a second power generating facility handling at least a portion of power demand occurring in ~~the other~~ a second country is located in the ~~other~~ second country, and wherein the first country and the second country each have an integrated CO<sub>2</sub> emissions rights amount, ~~further including settling the transmission of the power by a unified currency acknowledged by at least these two countries, and the method comprising:~~

~~further comprising a step of providing an alternating current/direct current converter between said system and said energy path and transmitting information to control an alternating current/direct current converter over at least one of satellite communication facilities, optical communication facilities, microwave communication facilities and telephone circuit communication facilities and said information transmission is performed with delay timers~~

providing CO<sub>2</sub> administration equipment for administrating the integrated CO<sub>2</sub> emissions rights amount of the first country;

measuring an amount of power transmitted from the first country to the second country;

converting the amount of power transmitted into an equivalent CO<sub>2</sub> emissions right value; and

integrating the converted equivalent CO<sub>2</sub> emissions right value into the integrated CO<sub>2</sub> emissions right amount of the first country by the CO<sub>2</sub> administration equipment,

whereby responsibility for generation of the equivalent CO<sub>2</sub> emissions right value is attributed to the second country, and the integrated CO<sub>2</sub> emissions right amount of the first country is credited.

24. (Currently Amended) ~~A settling~~ The method according to claim 23, wherein said ~~settling carries out settlement, conclusion of a contract or an interchange control step~~ of converting the amount of power transmitted into an equivalent CO<sub>2</sub> emissions right value includes the step of using said converted measurement values transmitted from interconnection adjustment equipment located between said first power generating facility and said second power generating facility using interchange administration equipment.

25. (Currently Amended) ~~A settling~~ The method according to claim 23, wherein the first and second power generating facilities ~~are located at countries which differ in circulating currency and convert to the preliminarily decided currency unit based on information on exchange rates and said information is transmitted by way of translating machines~~ use differing methods of producing power, whereby the

first power generating facility is hydroelectric and the second power generating facility uses fossil fuel, and further including the step of transmitting power from the first power generating facility to the second power generating facility for reducing overall CO<sub>2</sub> emissions.

26. (Currently Amended) ~~A settling~~ The method according to claim 23, wherein said first and second power generating facilities include many hydro electric power facilities, and further including the step of controlling the generated power amount ~~is controlled~~ such that overall fuel consumption amount is lower than a predetermined value.

27. (Currently Amended) ~~A settling~~ The method according to claim 23, wherein said first and second power generating facilities comprise a system having electric power of good quality and a system having electric power of poor quality, and further including the step of controlling said systems, ~~is controlled~~ such that power flow flows from said system of good electric power to said system of poor electric power.

28. (Currently Amended) ~~A settling~~ The method according to claim 23, wherein said first and second power generating facilities are located in countries-time zones having at least two hours time difference and further including the step of

controlling energy transmitted from said one-system-first facility to said second facility  
~~another system is controlled~~ using demand estimation data.

29-30. (Canceled)

31. (Currently Amended) ~~A settling~~ The method according to claim 24 23,  
~~wherein as a consideration to said settlement, conclusion of contract or interchange~~  
~~control by said interchange administration equipment may be at least one of CO<sub>2</sub>~~  
~~emission right which concerns with CO<sub>2</sub> emissions utilities, fuel, electrical energy or~~  
~~money further including the step of providing CO<sub>2</sub> administration equipment for~~  
tracking the integrated CO<sub>2</sub> emissions rights amount of the second country.

32. (New) A method of converting CO<sub>2</sub> emissions rights in a transaction  
involving a transmission of electric power across a border between two countries, in  
a system wherein a first power generating facility handling at least a portion of power  
demand occurring in a first country is located in the first country, and a second power  
generating facility handling at least a portion of power demand occurring in a second  
country is located in the second country, and wherein the first country and the  
second country each have an integrated CO<sub>2</sub> emissions rights amount, the method  
comprising:

providing CO<sub>2</sub> administration equipment for administrating the integrated CO<sub>2</sub>  
emissions rights amount of the first country;

providing interconnection adjustment equipment between said first power generating facility and said second power generating facility for adjusting electric power interchanged between the first power generating facility and the second power generating facility;

measuring an amount of power transmitted from the first country to the second country;

converting the amount of power transmitted into an equivalent CO<sub>2</sub> emissions right value; and

integrating the converted equivalent CO<sub>2</sub> emissions right value into the integrated CO<sub>2</sub> emissions right amount of the first country by the CO<sub>2</sub> administration equipment,

whereby responsibility for generation of the equivalent CO<sub>2</sub> emissions right value is attributed to the second country, and the integrated CO<sub>2</sub> emissions right amount of the first country is credited.